

Title (en)

CQI transmission power control method and apparatus for wireless communication system supporting multi-cell HSDPA

Title (de)

Verfahren und Vorrichtung zur Steuerung einer CQI-Übertragungsleistung für ein drahtloses Kommunikationssystem zur Unterstützung von mehrzellen-HSDPA

Title (fr)

Procédé de commande de puissance de transmission CQI et appareil pour système de communication sans fil supportant le protocole HSDPA multicellulaires

Publication

EP 2713538 A3 20140507 (EN)

Application

EP 13199708 A 20091124

Priority

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- EP 09829306 A 20091124
- KR 2009006946 W 20091124

Abstract (en)

[origin: WO2010062099A2] A CQI transmission power control method is provided for transmitting CQIs of multiple cells is provided for a multi-cell HSDPA system in which multiple cells transmit packet data to a user equipment. A control information transmission method of a user equipment in a wireless communication system supporting multi-cell packet transmission service according to the present invention includes generating control informations indicating channel qualities of different cells; classifying the control informations into two control information groups according to a predetermined rule; compensating the control information groups for securing uniform reception performance at a base station; and transmitting the compensated control information groups to the base station.

IPC 8 full level

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H04L 1/0026 (2013.01 - EP KR US); **H04L 1/007** (2013.01 - EP KR US); **H04L 1/0073** (2013.01 - EP KR US); **H04L 1/1607** (2013.01 - KR); **H04L 1/1812** (2013.01 - KR); **H04L 5/0048** (2013.01 - US); **H04L 5/0055** (2013.01 - US); **H04W 24/10** (2013.01 - KR); **H04W 52/325** (2013.01 - KR); **H04W 72/20** (2013.01 - US); **H04B 2201/70722** (2013.01 - KR); **H04L 1/1607** (2013.01 - EP US); **H04L 1/1812** (2013.01 - EP US); **H04W 24/10** (2013.01 - EP US); **H04W 52/325** (2013.01 - EP US)

Citation (search report)

- [XYI] SAMSUNG: "CQI transmission supporting dual-cell HSDPA", 3GPP DRAFT; R1-083292 DC-HSDPA-CQI, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Jeju; 20080825, 25 August 2008 (2008-08-25), XP050316696
- [YA] HUAWEI: "Discussion On the CQI report for Dual-Cell HSDPA", 3GPP DRAFT; R1-084180 DISCUSSION ON THE CQI REPORT FOR DUAL-CELL HSDPA, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Prague, Czech Republic; 20081105, 5 November 2008 (2008-11-05), XP050317472
- [XYI] SAMSUNG: "CQI and ACK/NACK transmission supporting dual-cell HSDPA", 3GPP DRAFT; R1-083562 DC-HSDPA HS-DPCCH, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Prague, Czech Republic; 20080924, 24 September 2008 (2008-09-24), XP050316925

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